

ABSTRACT

A fuel filter sealing apparatus to improve a connector for connecting a fuel input pipe and a fuel return pipe to a fuel filter in order to prevent fuel leakage during a preliminary testing stage of an engine and backflow of fuel during engine operation. An oil chamber is provided between a first piston and a second piston accommodated at an inner circumferential side of a fuel filter side connecting part. Fuel flow holes are radially formed at an external side of the oil chamber and inlets thereof are opened and closed by the first piston to allow the fuel passing through outlets thereof to flow to the fuel filter. A barrier valve is provided at one side with a valve surface for opening and closing fuel through holes disposed between the fuel filter and the connector.